2004 Outfall 001 Effluent Chemistry Data
Shell Distribution Terminal
Seattle, Washington

Date	pH	TSS (ppm)	Oil & Grease (ppm)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)	BTEX (ppb)	TPH-G (ppb)	Zinc (ppb)	Lead (ppb)	Copper (ppb)
January 13, 2004	7.10	**11.0**	< 5.0	< 0.5	< 0.5	< 0.5	**4.47**	**4.47**	< 50	**383**	< 50	**10.6**
February 14, 2004	7.09	**4.0**	< 5.0	**6.74**	**2.95**	< 0.5	**15.4**	**25.1**	**91.3**	**302**	< 50	**15.1**
March 3, 2004	6.79	< 4.0	< 5.0	< 0.5	< 0.5	< 0.5	< 1.0	0	< 50	**263**	< 50	< 10
April 16, 2004[a]	7.24	**8.0**	< 5.0	< 0.5	< 0.5	< 0.5	< 1.0	0	< 50	**140**	**2.29**	**4.89**
May 7, 2004	7.26	**10.0**	< 5.0	< 0.5	< 0.5	< 0.5	< 1.0	0	< 50	**237**	< 50	**12.5**
June 5, 2004	7.24	< 4.0	< 5.0	< 0.5	**1.49**	< 0.5	< 1.0	**1.49**	< 50	**102**	< 50	< 10
July 2004	Not sampled due to lack of flow											
August 6, 2004	6.99	**5.0**	< 5.0	< 0.5	**16.8**	**0.514**	**2.76**	**20.1**	**58.2**	< 20	< 50	< 10
September 1, 2004	6.94	**8.0**	< 5.0	**19.5**	**28.6**	**0.895**	**24.1**	**73.1**	**199**	**248**	< 50	**12.3**
October 8, 2004	6.94	**4.0**	< 5.0	< 0.5	< 0.5	< 0.5	< 1.0	0	< 50	**141**	< 50	< 10
November 15, 2004	7.11	**4.0**	< 5.0	< 0.5	**1.33**	< 0.5	< 1.0	**1.33**	< 50	**143**	< 50	< 10
December 8, 2004	7.14	< 4.0	< 5.0	< 0.5	< 0.5	< 0.5	< 1.0	0	< 50	**374**	< 50	< 10

Notes: [a] Sample collected April 16, 2004, also analyzed for VOCs, SVOCs, PCBs, metals, and total cyanide by EPA Methods 624, 625, 608, 200, and 335.2, respectively. No constituents were detected in the additional analyses but those shown in this table. The TSS analysis was duplicated with a duplicate result of 6.5 ppm.

2004 Outfall 002 Effluent Chemistry Data
Shell Distribution Terminal
Seattle, Washington

Date	pH	Oil & Grease (ppm)
January 13, 2004	7.07	< 5.0
February 14, 2004	6.91	< 5.0
March 3, 2004	6.93	< 5.0
April 16, 2004	7.17	< 5.0
May 7, 2004	7.27	< 5.0
June 5, 2004	7.31	< 5.0
July 2004	Not sampled due to lack of flow	
August 6, 2004	6.82	< 5.0
September 1, 2004	7.07	< 5.0
October 8, 2004	6.93	< 5.0
November 15, 2004	7.13	< 5.0
December 8, 2004	7.01	< 5.0